

Tree Protection Report

Addendum #1

February 25, 2010

**Coastal Christian School
New Campus Construction**

Oak Park Road, Pismo Beach, California

By

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Signed


Date

Introduction:

Since my initial writing of the "Tree Protection Report" dated August 12, 2008, this project has been further refined. While the project still consists of construction of the Phase One facilities, some changes have been made that will impact additional site trees.

Two new areas along the rear of the property have now been designated for soil removal that will be utilized for Phase One site grading. Additionally, more detail has been provided as to the grading needed to construct Phase One. Several areas show changes in impacts to several site trees.

This Addendum reviews the new project plans by William R. Dyer Civil Engineering - Land Surveying, dated 2/10/10 and titled "Preliminary Grading & Drainage Plans".

Tree Information:

On February 23, 2010, I visited the site in order to determine whether any oak trees are present within the new work areas. I found 46 new Coastal live oaks - *Quercus agrifolia*. This is in addition to the 71 oaks inventoried in the 2008 field study. Also in 2008, an additional 46 trees were noted to be in remote locations well away from the project site. The new total of trees found at this site to date is 163 oak trees.

I measured their trunk diameters (ranging in size from 6 - 52 inches), noted their condition, assigned a number to each tree, and noted their locations on a site plan.

They are nearly all in very good health. Only two trees showed significant trunk decay - trees #73 and 88. The vast majority of these trees are very young, under 12 inches in trunk diameter.

Many trees appear to be located near the edges of proposed grading areas. Since my placement of their locations on the site plan is approximate, they may appear to be within an area of soil removal when in fact they may not be. I will withhold final determination on their status until field staking of the grade lines occurs. At that time, the project arborist, owner, and contractors can agree and field tag the trees to be removed. With a little field adjustment of the grade lines, some of the trees can stay.

Final tallying of the total number of removed trees will occur at that time, with reporting of these figures by the project arborist to County Planning. The County will then make the needed adjustments to the replacement tree total required for mitigation purposes.

We should also note that some of the trees that are retained during Phase One work may, in fact, be removed during future work phases. Each of the eight phases of this campus construction will be evaluated separately by the project arborist as their work plans become developed and permitting progresses.

Currently, the following 24 trees will be removed:

#17, 18, 19, 30, 31, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 45, 56, 80, 81, 82, 83, 84, 85, and 114.

Several trees now have an increase in impacts to their root systems that may result in severe stress or tree death. Generally a healthy tree can tolerate a loss of 30% of its root system. The less vigorous the tree, the less root loss it can tolerate.

Field adjustments prior to grading will result in the reduction of impacts to the following 18 trees:

#1, 3, 4, 5, 9, 15, 16, 20, 21, 41, 51, 52, 53, 73, 76, 77, 78, and 79.

The project arborist should have the opportunity to review the final grading plans. It is highly recommended to include the tree protection measures upon the final construction documents.

All of the information and requirements provided in the Tree Protection Report dated August 12, 2008 remain as written and this Addendum shall be attached and included as part of that Report.

Limiting Conditions

Any changes that have the potential of affecting the native trees at this project will be subject to my review and approval before construction commences.

All trees should be aerially inspected and pruned to remove dead wood, broken limbs, and hazardous conditions. Future inspections and pruning maintenance, at least every three years, is recommended for all trees on this site.

Information in this report covers only the trees examined and reflects the conditions of the trees at the time of inspection. There is no warranty, either express or implied, that the subject trees will not develop problems or deficiencies in the future. Sources of information used in this report are accepted as standard resources, however, the author cannot guarantee the accuracy of information provided by others. Possession of this report or a copy thereof does not imply the right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior written consent of the consultant. Loss or alteration of this report invalidates the entire report. The inspection is limited to

visual examination of tree location, as viewed from the ground, without dissection, excavation, probing, or coring. No review of tree structural conditions or hazard potential has been provided.

No part of this report is to be viewed as engineering, surveying, or any other trade other than arboriculture. All recommended design changes are to be reviewed by the appropriate professional prior to implementing.